

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1 (canceled).

2 (canceled).

3 (canceled).

4 (canceled).

5 (canceled).

6 (canceled).

7 (canceled).

8 (canceled).

9 (canceled).

10 (canceled).

11 (canceled).

12 (canceled).

13 (canceled).

14 (canceled).

15 (canceled).

16 (canceled).

17 (canceled).

18 (amended twice). A method of determining the general latitude of a fault within the earth with a sensor comprising associating a frequency component of at least one of

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electrical and magnetic signal coming from said fault sensed by said sensor with said general latitude of said fault, wherein ~~said sensor is not proximate to said fault~~ said general latitude of said fault is different than the general latitude of said sensor.

19 (original). The method of claim 18 wherein said signal is a ringing.

20 (original). The method of claim 18 wherein said frequency is the general predominant frequency of said signal.